

Options

■ KNB-25A

Ni-Cd Battery Pack
(1,200mAh)

■ KNB-26N

Ni-MH Battery Pack
(2,000mAh)

■ KNB-35L

Li-ion Battery Pack
(7.4V/1950mAh)

■ KNB-40LC

Li-ion Battery Pack
(7.4V/1950mAh) I.S.

■ KBP-5

Battery Case

■ KSC-25

Rapid Charger

■ KSC-30

Charger for KNB-25A
and KNB-26N

■ KRA-22

VHF Low Profile
Helical Antenna

■ KRA-23

UHF Low Profile
Helical Antenna

■ KRA-26

VHF Helical Antenna

■ KRA-27

UHF Whip Antenna

■ KMC-17

Speaker Microphone

■ KMC-21

Speaker Microphone

■ KEP-2

Earphone Cord Kit
for KMC-17

■ KHS-1

Head Set with VOX/PTT

■ KHS-22

Head Set

■ KVC-3

Regular Rate Vehicular
Charger Adapter
(for KSC-30)

■ KVC-4

Rapid Rate Vehicular
Charger Adapter
(for KSC-25)

■ KHS-7A

Lightweight Single
Muff Headset

■ KHS-8BL

2-wire Palm Mic with
Earphone (Black)

■ KHS-9BL

3-wire Lapel Mic
with Earphone (Black)

■ KLH-138

Leather Case

■ KBH-12

Belt Clip

Specifications

| Model | TK-2160 | TK-3160 |
|--|---|---------------|
| GENERAL | | |
| Frequency Range | | |
| Type 1 | 136-174 MHz | 450-490 MHz |
| Type 2 | — | 470-512 MHz |
| Type 3 | — | 400-430 MHz |
| Number of Channels | Max. 16 | |
| Channel Spacing | | |
| Wide/Narrow | 25, 30kHz/12.5, 15kHz | 25kHz/12.5kHz |
| Channel Step | 2.5, 5, 6.25, 7.5kHz | 5, 6.25kHz |
| Operating Voltage | 7.5V DC±20% | |
| Battery Life (5-5-90 duty cycle) | | |
| with KNB-25A (1200mAh) | Approx. 8 hours | |
| with KNB-26N (2000mAh) | Approx. 12 hours | |
| with KNB-35L (1950mAh) | Approx. 11 hours | |
| Operating Temperature Range | -22°F ~ +140°F (-30°C ~ +60°C) [-14°F ~ +140°F (-10°C ~ +60°C) when KNB-24L/26N in use] | |
| Frequency Stability | ±2.5ppm (-22°F ~ +140°F) | |
| Antenna Impedance | 50 Ω | |
| Channel Frequency Spread | | |
| Type 1 | 38MHz | 40MHz |
| Type 2 | — | 42MHz |
| Type 3 | — | 30MHz |
| Dimensions (W x H x D), Projections not included | | |
| Radio Only | 2.2" x 4.3" x 0.72" (56 x 109.3 x 18.4mm) | |
| with KNB-35L | 2.2" x 4.3" x 1.35" (56 x 109.3 x 34.5mm) | |
| with KNB-25A | 2.2" x 4.3" x 1.6" (56 x 109.3 x 40.7mm) | |
| with KNB-26N | 2.2" x 4.3" x 1.6" (56 x 109.3 x 40.7mm) | |
| Weight | | |
| Radio Only | 5.8oz (165g) | |
| with KNB-35L | 10.2oz (290g) without antenna | |
| with KNB-25A | 12.5oz (355g) without antenna | |
| with KNB-26N | 14.1oz (400g) without antenna | |

All accessories and options may not be available in all markets.
Contact an authorized Kenwood dealer for details and complete list of all accessories and options.

| Model | TK-2160 | TK-3160 |
|--|--------------------------------------|---------------|
| GENERAL | | |
| FCC ID | | |
| Type 1 | ALH36413110 | ALH36423110 |
| Type 2 | — | ALH36423120 |
| Type 3 | — | ALH36423130 |
| IC Certification | | |
| Type 1 | 282D-36413110 | 282D-36423110 |
| Type 3 | — | 282D-36423130 |
| RECEIVER (Measurements made per TIA/EIA-603) | | |
| Sensitivity (12dB SINAD) | | |
| Wide/Narrow | 0.25µV/0.28µV | |
| Selectivity | | |
| Wide/Narrow | 70dB/62dB | |
| Intermodulation Distortion | | |
| Wide/Narrow | 65dB/60dB | |
| Spurious Response | 65dB | |
| Audio Output | 500 mW with less than 10% distortion | |
| TRANSMITTER (Measurements made per TIA/EIA-603) | | |
| RF Power Output | | |
| High/Low | 5W/1W | 4W/1W |
| Spurious Response | 70dB | |
| Modulation | | |
| Wide/Narrow | 16K0F3E/11K0F3E | |
| FM Noise | | |
| Wide/Narrow | 45/43dB | 45/40dB |
| Audio Distortion | Less than 5% | |

Kenwood follows a policy of continuous advancement in development.
For this reason specifications may be changed without notice.
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Applicable MIL-STD & IP

| Standards | Methods/Procedures MIL-STD 810C | Methods/Procedures MIL-STD 810D | Methods/Procedures MIL-STD 810E | Methods/Procedures MIL-STD 810F |
|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Low Pressure | 500.1/Procedure I | 500.2/Procedure I, II | 500.3/Procedure I, II | 500.4/Procedure I, II |
| High Temperature | 501.1/Procedure I, II | 501.2/Procedure I, II | 501.3/Procedure I, II | 501.4/Procedure I, II |
| Low Temperature | 502.1/Procedure I | 502.2/Procedure I, II | 502.3/Procedure I, II | 502.4/Procedure I, II |
| Temperature Shock | 503.1/Procedure I | 503.2/Procedure I | 503.3/Procedure I | 503.4/Procedure I, II |
| Solar Radiation | 505.1/Procedure I | 505.2/Procedure I | 505.3/Procedure I | 505.4/Procedure I |
| Rain | 506.1/Procedure I, II | 506.2/Procedure I, II | 506.3/Procedure I, II | 506.4/Procedure I, III |
| Humidity | 507.1/Procedure I, II | 507.2/Procedure II, III | 507.3/Procedure II, III | 507.4 |
| Salt Fog | 509.1/Procedure I | 509.2/Procedure I | 509.3/Procedure I | 509.4 |
| Dust | 510.1/Procedure I | 510.2/Procedure I | 510.3/Procedure I | 510.4/Procedure I, III |
| Vibration | 514.2/Procedure VIII, X | 514.3/Procedure I | 514.4/Procedure I | 514.5/Procedure I |
| Shock | 516.2/Procedure I, II, V | 516.3/Procedure I, IV | 516.4/Procedure I, IV | 516.5/Procedure I, IV |
| International Protection Standard | | | | |
| Dust & Water Protection | IP54/55 | | | |

footnotes from Front:

- Two-Tone Decode (3 sets x 2 pairs each); Single / Two-Tone Encode (1 tone).
- DTMF includes PTT ID, Emergency ANI & Stun.
- Special Alert Tone Pattern operates for 2-Tone & DTMF selective call decode only (1 pattern of 16 tones).
- KPG-82D required: Windows® 98/ 2000/ Me/XP compatible; English/Spanish screen languages.

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WIRELESS
COMMUNICATIONS**